

09/4/6, 985

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 UP (basic) , UE (equiv) , UA (poly) , UB (chem) updates thru 2000-01  
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 For info on New Derwent Content and file DWPX: see (...)INFO NEW-DWPI

Search statement 1

?/pn us5701831

\*\* SS 1: Results 3

Search statement 2

?prt max legalall

1/3 WPAT - (C) Derwent- image

AN - 1997-222105 [20]

XR - 1996-461743 1997-129298

XA - C1997-071442

TI - Cap frame installation setting frame - comprises guide mechanism to guide setting frame auxiliary body to setting frame main body and a position adjusting mechanism to adjust position of setting frame

DC - F05

PA - (BRER ) BROTHER KOGYO KK

IN - KATO S; MORITA T

NP - 3

NC - 2

PN - JP09067751 A 19970311 DW1997-20 D05C-009/04 8p \*

AP: 1995JP-0218454 19950828

- US5649496 A 19970722 DW1997-35 D05C-009/04 18p

AP: 1996US-0605794 19960222

- US5701831 A 19971230 DW1998-07 D05B-039/00 37p

FD: CIP of US5649496

AP: 1996US-0605794 19960222; 1996US-0668471 19960625

PR - 1995JP-0218454 19950828; 1995JP-0064772 19950227; 1995JP-0163605 19950629

IC - D05B-039/00 D05C-009/04

AB - JP09067751 A

The device comprises: (a) a guide mechanism to guide a setting frame auxiliary body to a setting frame main body; and (b) a position adjusting mechanism to adjust the position of the setting frame auxiliary body to the setting frame main body.

- USE - Caps of various sizes can be favourably held. (Dwg.2/5)

USAB- US5649496 A

A headgear-holder supporting apparatus for supporting a headgear holder which holds a headgear, the headgear holder being detachably attached to the headgear-holder supporting apparatus, the headgear being held by the headgear holder attached to the headgear-holder supporting apparatus before the headgear holder and the headgear held thereby are attached to a sewing machine independent of the headgear-holder supporting apparatus, the headgear-holder supporting apparatus comprising:

- a main structure comprising a main frame member which is adapted to be fixed to a base member such that said main frame member extends in a predetermined direction and is not movable relative to the base member in said predetermined direction, said main structure comprising a curved portion;
- a rotatable structure which supports the headgear holder attached thereto; and

- a connecting device which connects said rotatable structure supporting the headgear holder to said main structure, such that the rotatable structure is rotatable about an axis line thereof parallel to said predetermined direction and such that said main frame member extends, in the predetermined direction, in an inside space of the headgear holder attached to the rotatable structure, so that the headgear holder is rotatable around the main frame member of said main structure, said curved portion of said main structure extending, in said predetermined direction, into an internal space of the headgear held by the headgear holder attached to the rotatable structure, the curved portion being upward curved so as to provide an upper surface thereof extending along an inner surface of the headgear. (Dwg.0/9)

- US5701831 A

The device comprises: (a) a guide mechanism to guide a setting frame auxiliary body to a setting frame main body; and (b) a position adjusting mechanism to adjust the position of the setting frame auxiliary body to the setting frame main body.

- USE - Caps of various sizes can be favourably held. (Dwg.1/22)

MC - CPI: F02-F01B

UP - 1997-20

UE - 1997-35; 1998-07

1/2 LGST - (C) LEGSTAT

PN - US 5701831 [US5701831]

AP - US 668471/96 19960625 [1996US-0668471]

DT - US-P

ACT - 19960625 US/AE-A

APPLICATION DATA (PATENT)

{US 668471/96 19960625 [1996US-0668471]}

- 19960906 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960828

- 19971230 US/A

PATENT

- 19991130 US/RF

REISSUE APPLICATION FILED

19991012

UP - 1999-48

2/2 LGST - (C) LEGSTAT

PN - US 5649496 [US5649496]

AP - US 605794/96 19960222 [1996US-0605794]

DT - US-P

ACT - 19960222 US/AE-A

APPLICATION DATA (PATENT)

{US 605794/96 19960222 [1996US-0605794]}

- 19960222 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960215; KATO, SATOSHI :  
19960215

- 19970722 US/A

PATENT

UP - 1999-22

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,701,831 A 19971230 [US5701831]

PA - Brother Kogyo K K JP

ACT - 19991012 REISSUE REQUESTED

Issue Date of O.G.: 19991130

Reissue Request Number: 09/416985

Examination Group responsible for Reissue process: 3741

1/1 PAST - (C) PAST  
AN - 199948-001405  
PN - 5701831 A [US5701831]  
OG - 1999-11-30  
ACT - REISSUE APPLICATION FILED

2/3 WPAT - (C) Derwent- image  
AN - 1997-129298 [12]  
XR - 1996-461743 1997-222105  
XA - C1997-041828  
TI - Cap frame for sewing machine - comprises cap frame main body, presses frame member to press cap installed on frame main body and connection means for holding cap between presser frame and main body.  
DC - F05  
PA - (BRER ) BROTHER KOGYO KK  
IN - MORITA T  
NP - 2  
NC - 2  
PN - JP09013262 A 19970114 DW1997-12 D05C-009/04 10p \*  
AP: 1995JP-0163605 19950629  
- US5701831 A 19971230 DW1998-07 D05B-039/00 37p  
FD: CIP of US5649496  
AP: 1996US-0605794 19960222; 1996US-0668471 19960625  
PR - 1995JP-0163605 19950629; 1995JP-0064772 19950227; 1995JP-0218454 19950828  
IC - D05B-039/00 D05C-009/04  
AB - JP09013262 A  
Device comprises a cap frame main body, a presser frame member to press a cap installed on the frame main body, and a connection means provided between the cap frame main body and the presser frame member for holding a cap between them.  
- USE - Used as a cap frame for a sewing machine.  
- ADVANTAGE - Embroidering work to side parts of the cap can be performed easily. (Dwg.10/11)  
USAB- US5701831 A  
The device comprises: (a) a guide mechanism to guide a setting frame auxiliary body to a setting frame main body; and (b) a position adjusting mechanism to adjust the position of the setting frame auxiliary body to the setting frame main body.  
- USE - Caps of various sizes can be favourably held. (Dwg.1/22)  
MC - CPI: F02-F02  
UP - 1997-12  
UE - 1998-07

1/1 LGST - (C) LEGSTAT  
PN - US 5701831 [US5701831]  
AP - US 668471/96 19960625 [1996US-0668471]  
DT - US-P  
ACT - 19960625 US/AE-A  
APPLICATION DATA (PATENT)  
{US 668471/96 19960625 [1996US-0668471]}  
- 19960906 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960828  
- 19971230 US/A  
PATENT  
- 19991130 US/RF  
REISSUE APPLICATION FILED  
19991012  
UP - 1999-48

1/1 CRXX - (C) CLAIMS/RRX  
PN - 5,701,831 A 19971230 [US5701831]  
PA - Brother Kogyo K K JP

ACT - 19991012 REISSUE REQUESTED  
Issue Date of O.G.: 19991130  
Reissue Request Number: 09/416985  
Examination Group responsible for Reissue process: 3741

1/1 PAST - (C) PAST  
AN - 199948-001405  
PN - 5701831 A [US5701831]  
OG - 1999-11-30  
ACT - REISSUE APPLICATION FILED

3/3 WPAT - (C) Derwent- image  
AN - 1996-461743 [46]  
XR - 1997-129298 1997-222105  
XA - C1996-144997  
TI - Set frame useful esp. for simple and reliable mounting cap frame -  
comprises fixed frame on external mount and a curved set frame body  
integrally coupled, and rotation frame and pivotal supporting mechanism  
DC - F05  
PA - (BRER ) BROTHER KOGYO KK  
IN - KATO S; MORITA T  
NP - 3  
NC - 2  
PN - JP08232159 A 19960910 DW1996-46 D05C-009/04 8p \*  
AP: 1995JP-0064772 19950227  
- US5649496 A 19970722 DW1997-35 D05C-009/04 18p  
AP: 1996US-0605794 19960222  
- US5701831 A 19971230 DW1998-07 D05B-039/00 37p  
FD: CIP of US5649496  
AP: 1996US-0605794 19960222; 1996US-0668471 19960625  
PR - 1995JP-0064772 19950227; 1995JP-0218454 19950828; 1995JP-0163605  
19950629  
IC - D05B-039/00 D05C-009/04 D05C-009/06  
AB - JP08232159 A  
A set frame for mounting a cap frame comprises:  
- (i) a fixed frame (5) fixed to an external mounting member;  
- (ii) a curved set frame body (15) integrally coupled to the fixed  
frame (5) and positioned near the under surface side of a cap frame  
integrally coupled to the fixed frame;  
- (iii) a rotation frame (40) on which the cap frame is removably  
mounted; and  
- (iv) a pivotal supporting mechanism (50) rotatably supporting the  
rotation frame (40) to the fixed frame so the cap frame is rotated  
along the curve of the set frame body (15).  
- USE - Used for mounting cap frames.  
- ADVANTAGE - A cap is simply and reliably mounted on a cap frame.  
(Dwg.4/6)  
USAB- US5649496 A  
A headgear-holder supporting apparatus for supporting a headgear  
holder which holds a headgear, the headgear holder being detachably  
attached to the headgear-holder supporting apparatus, the headgear  
being held by the headgear holder attached to the headgear-holder  
supporting apparatus before the headgear holder and the headgear held  
thereby are attached to a sewing machine independent of the  
headgear-holder supporting apparatus, the headgear-holder supporting  
apparatus comprising:  
- a main structure comprising a main frame member which is adapted to be  
fixed to a base member such that said main frame member extends in a  
predetermined direction and is not movable relative to the base member  
in said predetermined direction, said main structure comprising a  
curved portion;  
- a rotatable structure which supports the headgear holder attached  
thereto; and  
- a connecting device which connects said rotatable structure supporting  
the headgear holder, to said main structure, such that the rotatable

structure is rotatable about an axis line thereof parallel to said predetermined direction and such that said main frame member extends, in the predetermined direction, in an inside space of the headgear holder attached to the rotatable structure, so that the headgear holder is rotatable around the main frame member of said main structure, said curved portion of said main structure extending, in said predetermined direction, into an internal space of the headgear held by the headgear holder attached to the rotatable structure, the curved portion being upward curved so as to provide an upper surface thereof extending along an inner surface of the headgear. (Dwg.0/9)

- US5701831 A

The device comprises: (a) a guide mechanism to guide a setting frame auxiliary body to a setting frame main body; and (b) a position adjusting mechanism to adjust the position of the setting frame auxiliary body to the setting frame main body.

- USE - Caps of various sizes can be favourably held. (Dwg.1/22)

MC - CPI: F02-F01B

UP - 1996-46

UE - 1997-35; 1998-07

1/2 LGST - (C) LEGSTAT

PN - US 5701831 [US5701831]

AP - US 668471/96 19960625 [1996US-0668471]

DT - US-P

ACT - 19960625 US/AE-A

APPLICATION DATA (PATENT)

{US 668471/96 19960625 [1996US-0668471]}

- 19960906 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,

NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960828

- 19971230 US/A

PATENT

- 19991130 US/RF

REISSUE APPLICATION FILED

19991012

UP - 1999-48

2/2 LGST - (C) LEGSTAT

PN - US 5649496 [US5649496]

AP - US 605794/96 19960222 [1996US-0605794]

DT - US-P

ACT - 19960222 US/AE-A

APPLICATION DATA (PATENT)

{US 605794/96 19960222 [1996US-0605794]}

- 19960222 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,

NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960215; KATO, SATOSHI :

19960215

- 19970722 US/A

PATENT

UP - 1999-22

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,701,831 A 19971230 [US5701831]

PA - Brother Kogyo K K JP

ACT - 19991012 REISSUE REQUESTED

Issue Date of O.G.: 19991130

Reissue Request Number: 09/416985

Examination Group responsible for Reissue process: 3741

1/1 PAST - (C) PAST

AN - 199948-001405

PN - 5701831 A [US5701831]  
OG - 1999-11-30  
ACT - REISSUE APPLICATION FILED

Search statement 2

You are now connected to INPADOC  
Covers 1968/1973 thru weekly updates (1999-52)  
For information on content, ..INFO INPD.

Search statement 1

?FAM US5701831/PN

\*\* SS 1: Results 5

Search statement 2

?FAMSTAT MAX

1/5 INPD - (C) INPADOC  
PN - JP 8232159 A2 19960910 [JP08232159]  
TI - SETTING FRAME FOR FITTING HAT FRAME  
IN - MORITA TETSUO; KATO SATORU  
PA - BROTHER IND LTD  
AP - JP 64772/95-A 19950227 [1995JP-0064772]  
PR - JP 64772/95-A 19950227 [1995JP-0064772]  
IC - D05C-009/04; D05C-009/06

2/5 INPD - (C) INPADOC  
PN - JP 9013262 A2 19970114 [JP09013262]  
TI - HAT FRAME FOR SEWING MACHINE  
IN - MORITA TETSUO  
PA - BROTHER IND LTD  
AP - JP 163605/95-A 19950629 [1995JP-0163605]  
PR - JP 163605/95-A 19950629 [1995JP-0163605]  
IC - D05C-009/04

3/5 INPD - (C) INPADOC  
PN - JP 9067751 A2 19970311 [JP09067751]  
TI - SETTING FRAME FOR MOUNTING HAT FRAME  
IN - MORITA TETSUO; KATO SATORU  
PA - BROTHER IND LTD  
AP - JP 218454/95-A 19950828 [1995JP-0218454]  
PR - JP 218454/95-A 19950828 [1995JP-0218454]  
IC - D05C-009/04

4/5 INPD - (C) INPADOC  
PN - US 5649496 A 19970722 [US5649496]  
TI - HEADGEAR-HOLDER SUPPORTING APPARATUS  
IN - MORITA TETSUO [JP]; KATO SATOSHI [JP]  
PA - BROTHER IND LTD [JP]  
AP - US 605794/96-A 19960222 [1996US-0605794]  
PR - JP 64772/95-A 19950227 [1995JP-0064772]  
- JP 218454/95-A 19950828 [1995JP-0218454]  
IC - D05C-009/04

1/1 LEGALI - (C) LEGSTAT  
PN - US 5649496 [US5649496]  
AP - US 605794/96 19960222 [1996US-0605794]  
DT - US-P  
ACT - 19960222 US/AE-A  
APPLICATION DATA (PATENT)

{US 605794/96 19960222 [1996US-0605794]}

- 19960222 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960215; KATO, SATOSHI :  
19960215
- 19970722 US/A  
PATENT
- UP - 1999-22

5/5 INPD - (C) INPADOC

- PN - US 5701831 A 19971230 [US5701831]
- TI - HEADGEAR HOLDER FOR USE WITH SEWING MACHINE
- IN - MORITA TETSUO [JP]
- PA - BROTHER IND LTD [JP]
- AP - US 668471/96-A 19960625 [1996US-0668471]
- PR - US 668471/96-A 19960625 [1996US-0668471]  
- JP 64772/95-A 19950227 [1995JP-0064772]  
- JP 163605/95-A 19950629 [1995JP-0163605]  
- JP 218454/95-A 19950828 [1995JP-0218454]  
- US 605794/96-A2 19960222 [1996US-0605794]
- IC - D05B-039/00

1/1 LEGALI - (C) LEGSTAT

- PN - US 5701831 [US5701831]
- AP - US 668471/96 19960625 [1996US-0668471]
- DT - US-P
- ACT - 19960625 US/AE-A  
APPLICATION DATA (PATENT)  
{US 668471/96 19960625 [1996US-0668471]}
- 19960906 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960828
- 19971230 US/A  
PATENT
- 19991130 US/RF  
REISSUE APPLICATION FILED  
19991012
- UP - 1999-48

Search statement 2



Selected file: WPAT

Search statement 3

?/PN US5649496

\*\* SS 3: Results 2

Search statement 4

?PRT MAX LEGALALL

1/2 WPAT - (C) Derwent- image

AN - 1997-222105 [20]

XR - 1996-461743 1997-129298

XA - C1997-071442

TI - Cap frame installation setting frame - comprises guide mechanism to guide setting frame auxiliary body to setting frame main body and a position adjusting mechanism to adjust position of setting frame

DC - F05

PA - (BRER ) BROTHER KOGYO KK

IN - KATO S; MORITA T

NP - 3

NC - 2

PN - JP09067751 A 19970311 DW1997-20 D05C-009/04 8p \*

AP: 1995JP-0218454 19950828

- US5649496 A 19970722 DW1997-35 D05C-009/04 18p

AP: 1996US-0605794 19960222

- US5701831 A 19971230 DW1998-07 D05B-039/00 37p

FD: CIP of US5649496

AP: 1996US-0605794 19960222; 1996US-0668471 19960625

PR - 1995JP-0218454 19950828; 1995JP-0064772 19950227; 1995JP-0163605 19950629

IC - D05B-039/00 D05C-009/04

AB - JP09067751 A

The device comprises: (a) a guide mechanism to guide a setting frame auxiliary body to a setting frame main body; and (b) a position adjusting mechanism to adjust the position of the setting frame auxiliary body to the setting frame main body.

- USE - Caps of various sizes can be favourably held. (Dwg.2/5)

USAB- US5649496 A

A headgear-holder supporting apparatus for supporting a headgear holder which holds a headgear, the headgear holder being detachably attached to the headgear-holder supporting apparatus, the headgear being held by the headgear holder attached to the headgear-holder supporting apparatus before the headgear holder and the headgear held thereby are attached to a sewing machine independent of the headgear-holder supporting apparatus, the headgear-holder supporting apparatus comprising:

- a main structure comprising a main frame member which is adapted to be fixed to a base member such that said main frame member extends in a predetermined direction and is not movable relative to the base member in said predetermined direction, said main structure comprising a curved portion;
- a rotatable structure which supports the headgear holder attached thereto; and
- a connecting device which connects said rotatable structure supporting the headgear holder, to said main structure, such that the rotatable structure is rotatable about an axis line thereof parallel to said predetermined direction and such that said main frame member extends,

in the predetermined direction, in an inside space of the headgear holder attached to a rotatable structure, so that the headgear holder is rotatable around the main frame member of said main structure, said curved portion of said main structure extending, in said predetermined direction, into an internal space of the headgear held by the headgear holder attached to the rotatable structure, the curved portion being upward curved so as to provide an upper surface thereof extending along an inner surface of the headgear. (Dwg.0/9)

- US5701831 A

The device comprises: (a) a guide mechanism to guide a setting frame auxiliary body to a setting frame main body; and (b) a position adjusting mechanism to adjust the position of the setting frame auxiliary body to the setting frame main body.

- USE - Caps of various sizes can be favourably held. (Dwg.1/22)

MC - CPI: F02-F01B

UP - 1997-20

UE - 1997-35; 1998-07

1/2 LGST - (C) LEGSTAT

PN - US 5701831 [US5701831]

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- 19960906 US/AS02

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BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960828

- 19971230 US/A

PATENT

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REISSUE APPLICATION FILED

19991012

UP - 1999-48

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PATENT

UP - 1999-22

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,701,831 A 19971230 [US5701831]

PA - Brother Kogyo K K JP

ACT - 19991012 REISSUE REQUESTED

Issue Date of O.G.: 19991130

Reissue Request Number: 09/416985

Examination Group responsible for Reissue process: 3741

1/1 PAST - (C) PAST

AN - 199948-001405

PN - 5701831 A [US5701831]

OG - 1999-11-30

2/2 WPAT - (C) Derwent- image

AN - 1996-461743 [46]

XR - 1997-129298 1997-222105

XA - C1996-144997

TI - Set frame useful esp. for simple and reliable mounting cap frame - comprises fixed frame on external mount and a curved set frame body integrally coupled, and rotation frame and pivotal supporting mechanism

DC - F05

PA - (BRER ) BROTHER KOGYO KK

IN - KATO S; MORITA T

NP - 3

NC - 2

PN - JP08232159 A 19960910 DW1996-46 D05C-009/04 8p \*

AP: 1995JP-0064772 19950227

- US5649496 A 19970722 DW1997-35 D05C-009/04 18p

AP: 1996US-0605794 19960222

- US5701831 A 19971230 DW1998-07 D05B-039/00 37p

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PR - 1995JP-0064772 19950227; 1995JP-0218454 19950828; 1995JP-0163605 19950629

IC - D05B-039/00 D05C-009/04 D05C-009/06

AB - JP08232159 A

A set frame for mounting a cap frame comprises:

- (i) a fixed frame (5) fixed to an external mounting member;
- (ii) a curved set frame body (15) integrally coupled to the fixed frame (5) and positioned near the under surface side of a cap frame integrally coupled to the fixed frame;
- (iii) a rotation frame (40) on which the cap frame is removably mounted; and
- (iv) a pivotal supporting mechanism (50) rotatably supporting the rotation frame (40) to the fixed frame so the cap frame is rotated along the curve of the set frame body (15).
- USE - Used for mounting cap frames.
- ADVANTAGE - A cap is simply and reliably mounted on a cap frame.

(Dwg.4/6)

USAB- US5649496 A

A headgear-holder supporting apparatus for supporting a headgear holder which holds a headgear, the headgear holder being detachably attached to the headgear-holder supporting apparatus, the headgear being held by the headgear holder attached to the headgear-holder supporting apparatus before the headgear holder and the headgear held thereby are attached to a sewing machine independent of the headgear-holder supporting apparatus, the headgear-holder supporting apparatus comprising:

- a main structure comprising a main frame member which is adapted to be fixed to a base member such that said main frame member extends in a predetermined direction and is not movable relative to the base member in said predetermined direction, said main structure comprising a curved portion;
- a rotatable structure which supports the headgear holder attached thereto; and
- a connecting device which connects said rotatable structure supporting the headgear holder, to said main structure, such that the rotatable structure is rotatable about an axis line thereof parallel to said predetermined direction and such that said main frame member extends, in the predetermined direction, in an inside space of the headgear holder attached to the rotatable structure, so that the headgear holder is rotatable around the main frame member of said main structure, said curved portion of said main structure extending, in said predetermined direction, into an internal space of the headgear held by the headgear holder attached to the rotatable structure, the curved portion being upward curved so as to provide an upper surface thereof extending along an inner surface of the headgear. (Dwg.0/9)
- US5701831 A

The device comprises: (a) a guide mechanism to guide setting frame auxiliary body to a setting frame main body; and (b) position adjusting mechanism to adjust the position of the setting frame auxiliary body to the setting frame main body.

- USE - Caps of various sizes can be favourably held. (Dwg.1/22)

MC - CPI: F02-F01B

UP - 1996-46

UE - 1997-35; 1998-07

1/2 LGST - (C) LEGSTAT

PN - US 5701831 [US5701831]

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ACT - 19960625 US/AE-A

APPLICATION DATA (PATENT)

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- 19960906 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960828

- 19971230 US/A

PATENT

- 19991130 US/RF

REISSUE APPLICATION FILED

19991012

UP - 1999-48

2/2 LGST - (C) LEGSTAT

PN - US 5649496 [US5649496]

AP - US 605794/96 19960222 [1996US-0605794]

DT - US-P

ACT - 19960222 US/AE-A

APPLICATION DATA (PATENT)

{US 605794/96 19960222 [1996US-0605794]}

- 19960222 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960215; KATO, SATOSHI :  
19960215

- 19970722 US/A

PATENT

UP - 1999-22

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,701,831 A 19971230 [US5701831]

PA - Brother Kogyo K K JP

ACT - 19991012 REISSUE REQUESTED

Issue Date of O.G.: 19991130

Reissue Request Number: 09/416985

Examination Group responsible for Reissue process: 3741

1/1 PAST - (C) PAST

AN - 199948-001405

PN - 5701831 A [US5701831]

OG - 1999-11-30

ACT - REISSUE APPLICATION FILED

Search statement 4

Selected file: INPD

Search statement 2

?FAM US5649496/PN

\*\* SS 2: Results 5

Search statement 3

?FAMSTAT MAX

1/5 INPD - (C) INPADOC

PN - JP 8232159 A2 19960910 [JP08232159]  
TI - SETTING FRAME FOR FITTING HAT FRAME  
IN - MORITA TETSUO; KATO SATORU  
PA - BROTHER IND LTD  
AP - JP 64772/95-A 19950227 [1995JP-0064772]  
PR - JP 64772/95-A 19950227 [1995JP-0064772]  
IC - D05C-009/04; D05C-009/06

2/5 INPD - (C) INPADOC

PN - JP 9013262 A2 19970114 [JP09013262]  
TI - HAT FRAME FOR SEWING MACHINE  
IN - MORITA TETSUO  
PA - BROTHER IND LTD  
AP - JP 163605/95-A 19950629 [1995JP-0163605]  
PR - JP 163605/95-A 19950629 [1995JP-0163605]  
IC - D05C-009/04

3/5 INPD - (C) INPADOC

PN - JP 9067751 A2 19970311 [JP09067751]  
TI - SETTING FRAME FOR MOUNTING HAT FRAME  
IN - MORITA TETSUO; KATO SATORU  
PA - BROTHER IND LTD  
AP - JP 218454/95-A 19950828 [1995JP-0218454]  
PR - JP 218454/95-A 19950828 [1995JP-0218454]  
IC - D05C-009/04

4/5 INPD - (C) INPADOC

PN - US 5649496 A 19970722 [US5649496]  
TI - HEADGEAR-HOLDER SUPPORTING APPARATUS  
IN - MORITA TETSUO [JP]; KATO SATOSHI [JP]  
PA - BROTHER IND LTD [JP]  
AP - US 605794/96-A 19960222 [1996US-0605794]  
PR - JP 64772/95-A 19950227 [1995JP-0064772]  
- JP 218454/95-A 19950828 [1995JP-0218454]  
IC - D05C-009/04

1/1 LEGALI - (C) LEGSTAT

PN - US 5649496 [US5649496]  
AP - US 605794/96 19960222 [1996US-0605794]  
DT - US-P  
ACT - 19960222 US/AE-A  
APPLICATION DATA (PATENT)  
{US 605794/96 19960222 [1996US-0605794]}

- 19960222 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960215; KATO, SATOSHI :  
19960215  
- 19970722 US/A  
PATENT  
UP - 1999-22

5/5 INPD - (C) INPADOC  
PN - US 5701831 A 19971230 [US5701831]  
TI - HEADGEAR HOLDER FOR USE WITH SEWING MACHINE  
IN - MORITA TETSUO [JP]  
PA - BROTHER IND LTD [JP]  
AP - US 668471/96-A 19960625 [1996US-0668471]  
PR - US 668471/96-A 19960625 [1996US-0668471]  
- JP 64772/95-A 19950227 [1995JP-0064772]  
- JP 163605/95-A 19950629 [1995JP-0163605]  
- JP 218454/95-A 19950828 [1995JP-0218454]  
- US 605794/96-A2 19960222 [1996US-0605794]  
IC - D05B-039/00

1/1 LEGALI - (C) LEGSTAT  
PN - US 5701831 [US5701831]  
AP - US 668471/96 19960625 [1996US-0668471]  
DT - US-P  
ACT - 19960625 US/AE-A  
APPLICATION DATA (PATENT)  
{US 668471/96 19960625 [1996US-0668471]}  
- 19960906 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU,  
NAGOYA-SHI AICHI-K \* MORITA, TETSUO : 19960828  
- 19971230 US/A  
PATENT  
- 19991130 US/RF  
REISSUE APPLICATION FILED  
19991012  
UP - 1999-48

Search statement 3

*Lefko*

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FILES - PAGE 1 of 7 (NEXT PAGE for additional files)

NAME	PG	DESCRIP	NAME	PG	DESCRIP
<---CASES & ADMINISTRATIVE DECISIONS-->					
IPOMNI	1	Int Prop Cases & Reg Matl	ALL	4	UTIL, DESIGN, PLANT, SIR,
PTOMNI	1	FEDCTS, PTO, ITC, ALLREG			REEXAM & REISS
CASES	1	FEDCTS, PTO & ITC	ALLPAT	4	Comb. ALL & INTPAT
FEDCTS	2	Patent cases from Fed. Cts.	<-----U.S. PATENTS----->		
CCPA	2	Ct Customs & Patent Appeals	UTIL	4	Full Text Patents from 1971*
CAFC	2	Patent cases from Fed. Cir.	DESIGN	4	Full Text Patents from 1976
PTO	2	PATAPP & COMMR	PLANT	4	Full Text Patents from 1976
<-----SECONDARY SOURCES----->					
IPLTR	5	Intell Prop Law Nwlters			
IPLR	5	Intell Prop Law Rev Articles			

\* Selected coverage 1/15/71 to 12/3/74

## LEVEL 1 - 1 OF 1 PATENT

&lt;5,649,496&gt;

&lt;=&gt; GET 1st DRAWING SHEET OF 7

Jul. 22, 1997

Headgear-holder supporting apparatus

INVENTOR: Morita, Tetsuo, Nagoya, Japan  
Kato, Satoshi, Kariya, Japan

ASSIGNEE-AT-ISSUE: Brother Kogyo Kabushiki Kaisha, Nagoya, Japan (03)

APPL-NO: 605,794

FILED: Feb. 22, 1996

## FOR-PRIOR:

Feb. 27, 1995 Japan 7-064772  
Aug. 28, 1995 Japan 7-218454  
>>>

Pat. No. 5649496, \*

INT-CL: [6] D05C 9#04

US-CL: 112#103

CL: 112

SEARCH-FLD: 112#260, 475.11, 100, 103J, 470.13, 470.18, 102.5, 63, 470.14;  
38#102.2, 102.91

## REF-CITED:

## U.S. PATENT DOCUMENTS

<=> 4,598,488	7/1986	* Inteso	112#103
<=> 4,774,778	10/1988	* Williams	38#102.2
<=> 5,167,194	12/1992	* Nakagaki	112#103
<=> 5,261,338	11/1993	* Takima et al.	112#103
<=> 5,277,140	1/1994	* Nakagaki	112#102.5

PRIM-EXMR: Izaguirre, Ismael  
>>>

Pat. No. 5649496, \*

LEGAL-REP: Oliff &amp; Berridge

CORE TERMS: headgear, holder, rotatable, projection, cap, curved,  
part-cylindrical, hole, main frame, connecting, threaded, arcuate, cap-holder,  
roller, knob, engageable, fastening, pin, headgear-holder, front-rear,  
engagement, pressing, embroidery, slit, externally, recess, projecting,  
guiding, rotated, spring

KATHLEEN FULLER EIC 1700 308-4290



ABST:

An apparatus for supporting a headgear holder which holds a headgear, the headgear holder being detachably attached to the apparatus, the apparatus including a main structure which is adapted to be fixed to a base member, a rotatable structure which supports the headgear holder attached thereto, and a connecting device which connects the rotatable structure supporting the headgear holder, to the main structure, such that the rotatable structure is rotatable about an axis line thereof, so that the headgear holder is rotatable around the main structure. An apparatus for supporting a headgear holder which holds a headgear, the headgear holder being detachably attached to the apparatus, the apparatus including a main structure which is adapted to be fixed to a base member, the main structure including a main frame member and a curved frame member, a supporting structure which supports the headgear holder attached  
>>>

Pat. No. 5649496, \*

thereto and which is connected to the main structure, the curved frame member of the main structure extending into an internal space of a headgear held by the headgear holder supported by the supporting structure, and a position changing device which changes a position of the curved frame member relative to the main frame member in a predetermined direction.

NO-OF-CLAIMS: 32

EXMPL-CLAIM: <=> 1

NO-OF-FIGURES: 9

NO-DRWNG-PP: 7

SUM:

BACKGROUND OF THE INVENTION

1. Field of the Invention

## LEVEL 1 - 1 OF 1 PATENT

&lt;5,701,831&gt;

&lt;=&gt; GET 1st DRAWING SHEET OF 19

Dec. 30, 1997

Headgear holder for use with sewing machine

REISSUE: Reissue Application filed Oct. 12, 1999 (O.G. Nov. 30, 1999) Ex. Gp.:  
3741; Re. S.N. 09/416,985

INVENTOR: Morita, Tetsuo, Nagoya, Japan

ASSIGNEE-AT-ISSUE: Brother Kogyo Kabushiki Kaisha, Nagoya, Japan (03)

APPL-N0: 668,471

FILED: Jun. 25, 1996

FOR-PRIOR:

Feb. 27, 1995 Japan 7-064772

&gt;&gt;&gt;

Pat. No. 5701831, \*

Jun. 29, 1995 Japan 7-163605

Aug. 28, 1995 Japan 7-218454

REL-US-DATA:

Continuation-in-part of Ser. No. 605,794, Feb. 22, 1996 now patented  
5,649,496

INT-CL: [6] D05B 39#00

US-CL: 112#103

CL: 112

SEARCH-FLD: 112#103, 102.5, 12, 470.06, 470.14, 475.11; 38#102.2, 102, 102.91

REF-CITED:

## U.S. PATENT DOCUMENTS

4,665,884	5/1987	*	Shibata	112#103
5,261,338	11/1993	*	Tajima et al.	112#103
5,415,116	5/1995	*	Akira Nishio	

&gt;&gt;&gt;

Pat. No. 5701831, \*

5,553,560	9/1996	*	Tajima et al.	112#103
5,598,797	2/1997	*	Patterson	112#103

## FOREIGN PATENT DOCUMENTS

KATHLEEN FULLER EIC 1700 308-4290

PRIM-EXMR: Izaguirre, Ismael

LEGAL-REP: Oliff & Berridge

CORE TERMS: main frame, cap, pressing, headgear, holder, rotatable, fastening, part-cylindrical, sweatband, projection, hole, engageable, covering, embroidery, connecting, externally, manually, cap-holder, unfolded, hook, visor, annular, roller, arm, cylindrical, operable, sewing machine, movable, sewing, temporal

ABST:

A headgear holder for use with a sewing machine, the holder holding a headgear including a covering member with an opening and a sweatband fixed to  
>>>

Pat. No. 5701831, \*

an annular portion of the covering member located on the side of the opening, the sweatband being foldable into an inner space of the covering member and unfoldable outside from the inner space through the opening, the sewing machine forming an embroidery on each of a frontal portion, and at least one of a right and a left temporal portion, of the annular portion, the holder including a main frame member on which the headgear is set such that the sweatband unfolded outside and the annular portion of the covering member externally fit on the main frame member, a pressing member which externally presses the headgear set on the main frame member, and two fastening devices one of which is provided between the main frame member and a corresponding one of opposite ends of the pressing member and the other of which is provided between the main frame member and the other end of the pressing member, the two fastening devices cooperating with each other to fasten the pressing member to the main frame member to hold the headgear between the pressing member and the main frame member, each of the fastening devices being provided at a position where the each fastening device permits the sweatband unfolded outside to fit externally on the main frame member.

NO-OF-CLAIMS: 22